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MITSUBISHI MOTOR SALES OF AMERICA, Inc.

TECHNICAL SERVICE BULLETIN

SUBJECT: **LIMITED SLIP DIFFERENTIAL SHUDDER**	NO. TSB-90-27-004
	DATE July, 1990
	MODEL Montero

PURPOSE

Montero vehicles equipped with limited slip differentials may exhibit a low speed shudder, most noticeable on low speed turns. A limited slip additive has been released that will minimize this condition.

PARTS INFORMATION

Mitsubishi Limited Slip Differential Additive: **MB664682**
Mitsubishi DiaQueen LSD Oil: **3775610** or equivalent

ADDITIVE INSTALLATION

1. Remove differential fill plug and drain plug. Allow the differential to drain for 2 minutes. Reinstall the drain plug.

2. Add 1 bottle of Mitsubishi Limited Slip Differential Additive. Refill differential with Mitsubishi DiaQueen LSD Oil Part No. 3775610 or equivalent. Reinstall the fill plug.

3. Test drive the vehicle approximately 3 miles. To ensure that the additive works its way between the friction elements in the differential it is essential to make at least 4 90 degree turns and then 2 figure 8 turns, at low speed.

4. If the shudder is still evident, remove about 4 oz. of oil from the differential and add 1 additional bottle of Mitsubishi Limited Slip Differential Additive.

5. Test drive the vehicle, again making at least 4 90 degree turns and then 2 figure 8 turns, at low speed.

CAUTION: If the shudder still persists even after adding two bottles, do not add any more additive!

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FILE UNDER: Group 27 Rear Axle in the Dealer Service Information Binder (755)

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